





COMPONENTS	PART NUMBER	DESCRIPTION
GRIPPING CLAMPS	PASSB-17K	Gripping Clamp for 17mm sized conduit with Nylon Thumb Latch Closure
<p>Gripping Clamps are used with the various jaw sets to secure the conduit. They are available with three Closure System offerings "K" Nylon Thumb latch, "M" Stainless Steel, and "S" Screw Closure</p> 	PASSB-29K	Gripping Clamp for 23 & 29mm sized conduit with Nylon Thumb Latch Closure
	PASSB-36K	Gripping Clamp for 36mm sized conduit with Nylon Thumb Latch Closure
	PASSB-36S	Gripping Clamp for 36mm sized conduit with Screw Closure
	PASSB-52K	Gripping Clamp for 52mm sized conduit with Nylon Thumb Latch Closure
	PASSB-52M	Gripping Clamp for 52mm sized conduit with Stainless Steel Latch Fastener
	PASSB-52S	Gripping Clamp for 52mm sized conduit with Stainless Screw Closure
	PASSB-70K	Gripping Clamp for 70mm sized conduit with Nylon Thumb Latch Closure
	PASSB-70M	Gripping Clamp for 70mm sized conduit with Stainless Steel Latch Fastener
	PASSB-70S	Gripping Clamp for 70mm sized conduit with Stainless Screw Closure
	POSSB-90K	Gripping Clamp for 90(95)mm sized conduit with Nylon Thumb Latch Closure
	POSSB-90M	Gripping Clamp for 90(95)mm sized conduit with Stainless Screw Closure
	MIDDLE /COMBI JAWS *sold as pairs	PAKMB-17F/G
<p>Middle Jaws have ridges that lock onto the conduit preventing lateral movement. The Jaws rotate freely inside the Clamp like a bearing to prevent the build-up of torsion. Also used to terminate the conduit and hold the Cablestar grommets (see below)</p> 	PAMBB-23F/G	Middle Jaw set for 23mm sized conduit
	PAMBB-29F/G	Middle Jaw set for 29mm sized conduit
	PAKMB-36/36	Combi-Middle Jaw set for 36mm sized conduit
	PAMBB-52	Combi-Middle Jaw set for 52mm sized conduit
	PAKMB-70	Combi-Middle Jaw set for 70mm sized conduit
	PAMBB-70	Middle Jaw set for 70mm sized conduit
	PAKMB-90	Combi-Middle Jaw set for 90 (95)mm sized conduit
SLIDING JAWS *sold as pairs	POFHB-17	Spring Holders OR Sliding Jaw set for 17mm sized conduit
<p>Sliding Jaws have no ridges allowing the conduit to move laterally. The Jaws rotate inside the Clamp like a bearing.</p> 	POFHB-23/29	Spring Holders OR Sliding Jaw set for 23mm sized conduit
	PAGLB-36	Sliding Jaw set for 36mm sized conduit
	PAGLB-52	Sliding Jaw set for 52mm sized conduit
	PAGLB-70	Sliding Jaw set for 70mm sized conduit
BALL JOINT JAWS *sold as pairs	PAKPB-29	*For 29mm Ball Joint special protector PAKPB-29 is used with any 36mm Clamp
<p>Ball Joint Jaws have a radius pocket that matches the PAPRB protector profile and allows +/- 15° mobility.</p> 	PAKPB-36	For 36mm Ball Joint PAKPB-36+ PAPRB-36 protector + any 52mm Clamp
	PAKPB-52	For 52mm Ball Joint PAKPB-52+ PAPRB-52 protector + any 70mm Clamp
	POKGB-70	*For 70mm Ball Joint special protector PAGGB-70i - is used with any 90mm Clamp
CONDUIT PROTECTORS (Multiple Rib version) *sold as pairs	PAPKB-17F/G	Conduit Protector 17mm Fine/Broad Profile
<p>Protectors provide mechanical protection for the conduit. Also used for repairing/splicing conduit and as the fixed pulling point at the rear of the REIKU spring for all retraction systems.</p>	PAPRB-23F/G	Conduit Protector 23mm Fine/Broad Profile
	PAPRB-29F/G	Conduit Protector 29mm Fine/Broad Profile

Spring for an retraction systems.



PAPRB-36F/G	Conduit Protector 36mm Fine Profile
PAPRB-52	Conduit Protector 52mm
PAPRB-70	Conduit Protector 70mm
PAPRB-90(95)	Conduit Protector 90(95)mm

ROTARY CONDUIT PROTECTORS (Single Rib version)*sold as pairs

Rotary Protectors have only one single raised rib so they do not restrict the conduit's ability to bend plus they spin on the conduit.



PADPB-36G	Rotary Protector for conduit sized 36mm
PADPB-52	Rotary Protector for conduit sized 52mm
PADPB-70V2	Rotary Protector for conduit sized 70mm

CUSTOM CABLESTAR (Grommet)

Cablestars are a critical component in REIKU Robotic installations. These grommets are custom waterjet prepared for each application and secure the individual cables and hoses at their points.
 * Use our conduit size/cablestar calculator tool at www.reikuna.com



TKKSB-23 ("TBD")	Cablestar 36mm Custom Water-Jet Boring Pattern
TKKSB-29 ("TBD")	Cablestar 52mm Custom Water-Jet Boring Pattern
TKKSB-36 ("TBD")	Cablestar 36mm Custom Water-Jet Boring Pattern
TKKSB-42 ("TBD")	Cablestar 42mm Custom Water-Jet Boring Pattern
TKKSB-52 ("TBD")	Cablestar 52mm Custom Water-Jet Boring Pattern
TKKSB-70 ("TBD")	Cablestar 70mm Custom Water-Jet Boring Pattern

* A Unique CableStar Part Number will be assigned specific to the Project in the "TBD" Area

CONNECTION JOINTS *sold as pairs

Connection Joints terminate the conduit and hold the Cablestar grommet at the EOAT. It rotates inside the Clamp offers +/- 12° of offset.



PAVGB-23	Connection Joint 23mm sized conduit Fine/Broad Profile
PAVGB-36	Connection Joint 36mm sized conduit Fine/Broad Profile
PAVGB-52	Connection Joint 52mm sized conduit Fine/Broad Profile
PAVGB-70	Connection Joint 70mm sized conduit Fine/Broad Profile

ROTARY BASE FLANGE (Lazy Susan)

Rotary Base Flanges can be placed under any of the REIKU clamps or management components in order to allow base axis rotation.

PADFB-23	Rotary Base Flange for 23/29mm size Clamps & management products
PADFB-42	Rotary Base Flange for 36/42mm size Clamps & management products
PADFB-52	Rotary Base Flange for 52mm size Clamps & management products
PADFB-70	Rotary Base Flange for 70mm size Clamps & management products
PADFB-90	Rotary Base Flange for 90mm size Clamps & management products

SPRING HOLDERS (Conduit Retraction System)

REIKU Spring holders have a helical groove at the rear so that a spring can be attached and a conduit retraction system can be created.

POFHB-23/29	Spring Holder for use with 23 and 29mm conduit sizes
POFHB-36/36	Spring Holder for use with 36mm conduit size
PAFHB-70	Spring Holder for use with 52 and 70mm conduit sizes

SPRINGS

DFST-36NEW	36mm Spring also used with 29mm conduit
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REIKU Springs work with the spring holders listed above along with a PAPRB Protector to create a conduit retraction	DFST-5270	Conical Spring for use with 52mm conduit and 70mm Spring Holder
	DFST-30	30" Spring Length for use with 70mm conduit
	DFST-237695	46" Spring Length for Use with 70mm Conduit



All REIKU conduits are listed by their Inside Diameter (usable space) in mm.

REIKU's conduit profile is engineered so that there is maximum clearance between corrugations to increase flexibility. Please use our Conduit Size Calculator Tool to determine the inside diameter size of conduit that your application will require. www.reikuna.com the Conduit Size Calculator links


ROBOTIC / DYNAMIC APPLICATION CONDUIT



ROBOTIC / DYNAMIC APPLICATION CONDUIT	PART NUMBER	DESCRIPTION
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The PARA Nylon 12 series conduits offer the unique combination of excellent flexibility and strength.	PARAB-17F	Highly Flexible conduit with "F" Profile = narrow corrugations 17mm I.D.
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flexibility and strength PARA series REIKU conduit has been successfully tested to withstand over 15 MILLION reverse bend cycles	PARAB-23F	Highly Flexible conduit with "F" Profile = narrow corrugations 23mm I.D.
	PARAB-23G	Highly Flexible conduit with "G" Profile = wide corrugations 23mm I.D.
	PARAB-29F	Highly Flexible conduit with "F" Profile = narrow corrugations 29mm I.D.
	PARAB-29G	Highly Flexible conduit with "G" Profile = wide corrugations 29mm I.D.
	PARAB-36F	Highly Flexible conduit with "F" Profile = narrow corrugations 36mm I.D.
	PARAB-36G	Highly Flexible conduit with "G" Profile = wide corrugations 36mm I.D.
42mm is a UNIQUE size medium width corrugation conduit generally delivered with standard cable protection for KUKA Robots	PARAB-42M	Highly Flexible conduit with "M" Profile = medium corrugations 42mm I.D.
	PARAB-48G	Highly Flexible conduit with "G" Profile = wide corrugations 48mm I.D.
	PARAB-52G	Highly Flexible conduit with "G" Profile = wide corrugations 52mm I.D.
68mm is a UNIQUE size designed to provide a superior direct F.F.F. REIKU replacement conduit for existing LEONI, Murrplastik, PMA systems	PARAB-68G	Highly Flexible conduit with "G" Profile = wide corrugations 36mm I.D.
	PARAB-70G	Highly Flexible conduit with "G" Profile = wide corrugations 70mm I.D.
	PARAB-95G(90)	Highly Flexible conduit with "G" Profile = wide corrugations 90mm I.D.
The PARR Nylon 12 series conduits are stiffer than the PARA series conduits and designed to withstand extreme abrasion environments, generally used for protection with heavier conduit population/contents. PARR series have "Good" flexibility, superior/excellent strength, tested to withstand over 10 MILLION reverse bend cycles	PARRB-17F	High Strength less flexible conduit with "F" Profile = narrow corrugations 17mm I.D.
	PARRB-23F	High Strength less flexible conduit with "F" Profile = narrow corrugations 23mm I.D.
	PARRB-23G	High Strength less flexible conduit with "G" Profile = wide corrugations 29mm I.D.
	PARRB-29F	High Strength less flexible conduit with "F" Profile = narrow corrugations 29mm I.D.
	PARRB-36G	High Strength less flexible conduit with "G" Profile = wide corrugations 36mm I.D.
	PARRB-48G	High Strength less flexible conduit with "G" Profile = wide corrugations 48mm I.D.
	PARRB-52G	High Strength less flexible conduit with "G" Profile = wide corrugations 52mm I.D.
	PARRB-70G	High Strength less flexible conduit with "G" Profile = wide corrugations 70mm I.D.
	PARRB-95G(90)	High Strength less flexible conduit with "G" Profile = wide corrugations 95G(90)mm I.D.
The BIORR Nylon 11 series conduits are BIO FRIENDLY "GREEN" conduit offerings which provide excellent flexibility and superior strength, tested to withstand over 17 MILLION reverse bend cycles Uses environmentally responsible castor bean oil instead as a raw material instead of traditional petroleum based resins.	BIORRB-17F	High Strength less flexible conduit with "F" Profile = narrow corrugations 17mm I.D.
	BIORRB-23F	High Strength less flexible conduit with "F" Profile = narrow corrugations 23mm I.D.
	BIORRB-29F	High Strength less flexible conduit with "F" Profile = narrow corrugations 29mm I.D.
	BIORRB-36G	High Strength less flexible conduit with "G" Profile = wide corrugations 36mm I.D.

	BIORRB-48G	High Strength less flexible conduit with "G" Profile = wide corrugations 48mm I.D.
	BIORRB-52G	High Strength less flexible conduit with "G" Profile = wide corrugations 52mm I.D.
	BIORRB-70G	High Strength less flexible conduit with "G" Profile = wide corrugations 70mm I.D.
<p>The PURR regular thickness Polyurethane series conduits are very-soft providing superior flexibility but reduced overall strength as compared to Nylon 12 <i>*other sizes are available</i></p> 	PURRB-23G	Superior flexibility conduit reduced strength with "G" Profile = wide corrugations 23mm I.D.
	PURRB-29G	Superior flexibility conduit reduced strength with "G" Profile = wide corrugations 29mm I.D.
	PURRB-36G	Superior flexibility conduit reduced strength with "G" Profile = wide corrugations 36mm I.D.
	PURRB-42M	Superior flexibility conduit reduced strength with "M" Profile = medium corrugations 42mm I.D.
	PURRB-48G	Superior flexibility conduit reduced strength with "G" Profile = wide corrugations 48mm I.D.
	PURRB-52G	Superior flexibility conduit reduced strength with "G" Profile = wide corrugations 52mm I.D.
	PURRB-70G	Superior flexibility conduit reduced strength with "G" Profile = wide corrugations 70mm I.D.
<p>The PURV heavy weight "thicker wall" Polyurethane series conduits are soft providing excellent flexibility with good but reduced strength as compared to Nylon 12 <i>*other sizes are available</i></p>	PURVB-29F	Highly Flexible conduit reduced strength with "F" Profile = fine corrugations 29mm I.D.
	PURVB-36G	Highly Flexible conduit reduced strength with "G" Profile = wide corrugations 36mm I.D.
	PURVB-48F	Highly Flexible conduit reduced strength with "F" Profile = fine corrugations 48mm I.D.
	PURVB-52G	Highly Flexible conduit reduced strength with "G" Profile = wide corrugations 52mm I.D.
	PURVB-70G	Highly Flexible conduit reduced strength with "G" Profile = wide corrugations 70mm I.D.

